

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. When strikethrough cannot easily be perceived, or when five or fewer characters are deleted, [[double brackets]] are used to show the deletion. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered). Please retain the claims in their present form in accordance with the following:

1. (previously presented) A method of displaying an image, comprising:

using a display device having a display surface including plural cell columns, each of which is a set of cells having a same light emission color, the display device having cells arranged in a structure in which cell positions in a column direction are shifted from each other between neighboring cell columns; and

performing an interlaced display by changing a combination of cells of a display line that is perpendicular to the column direction in every field between the neighboring cell columns of the same light emission color,

wherein a display line pitch is smaller than a cell pitch in a column, the display line pitch being a measurement in a vertical direction from a center of one display line to a center of an adjoining display line and the cell pitch being a measurement in a vertical direction from a center of one cell to a center of an adjoining cell.

2. (previously presented) The method according to claim 1, further comprising determining luminance of each cell of the display surface by distributing a luminance value of each pixel of an input image to be displayed to cells corresponding to pixels in accordance with a cell position relationship between a virtual display surface having cells arranged corresponding to a pixel arrangement of the input image and the display surface.

3. (previously presented) A display apparatus comprising:

a display device having a display surface including plural cell columns, each of which is a set of cells having a same light emission color, the display device having cells arranged in a structure in which cell positions in a column direction are shifted from each other between neighboring cell columns; and

a driving circuit for performing an interlaced display by changing a combination of cells of

a display line that is perpendicular to the column direction in every field between the neighboring cell columns of the same light emission color in every field,

wherein a display line pitch being smaller than a cell pitch in a column, the display line pitch is a measurement in a vertical direction from a center of one display line to a center of an adjoining display line and the cell pitch being a measurement in a vertical direction from a center of one cell to a center of an adjoining cell.

4. (previously presented) The display apparatus according to claim 3, wherein the cells are arranged at a constant pitch in each cell column and the shift quantity of the cell position in the column direction between the neighboring cell columns of the same light emission color is a half of the cell pitch.

5. (previously presented) The display apparatus according to claim 3, wherein luminance of each cell of the display surface is determined by distributing a luminance value of each pixel of an input image to be displayed to cells corresponding to pixels in accordance with the cell position relationship between a virtual display surface having cells arranged corresponding to a pixel arrangement of the input image and the display surface.

6. (original) The display apparatus according to claim 3, wherein the all cells within the display surface have the same light emission color.

7. (previously presented) The display apparatus according to claim 3, wherein the display surface includes three kinds of cell columns having different light emission colors, and a color arrangement has a pattern in which three colors are repeated in a constant order.

8. (original) The display apparatus according to claim 3, wherein an interlaced image to be displayed is inputted, and the direction of the display line is the direction of a scanning line of the interlaced image.

9. (original) The display apparatus according to claim 3, wherein a non-interlaced image to be displayed is inputted, and the non-interlaced image is converted into an interlaced image to be displayed.

10. (original) The display apparatus according to claim 9, wherein gradation data of

each pixel of the interlaced image are generated from the non-interlaced image data.

11. (original) The display apparatus according to claim 3, wherein the display device is a plasma display panel.

12. (original) The display apparatus according to claim 3, wherein the display device is a plasma display panel having an inner structure including a partition for dividing a discharge space for each cell column, the discharge space is continuous over the entire length of the display surface in each cell column, and wide portions and narrow portions are arranged alternately so that the narrow portion is located at the boundary position between cells.

13. (original) The display apparatus according to claim 12, wherein the display device has a plurality of scanning electrodes arranged to straddle over all cell columns for selecting one cell in each cell column of each field.

14. (previously presented) A display apparatus comprising:
a display device having a display surface including plural cell columns, each of which is a set of cells having a same light emission color, the display device having cells arranged in a structure in which cell positions in a column direction are shifted from each other between neighboring cell columns; and

a driving circuit for performing an interlaced display by changing a combination of cells of a display line having a display line pitch that is smaller than a cell pitch in a column, wherein the display line is perpendicular to the column direction in every field between the neighboring cell columns of the same light emission color in every field, and wherein a number of display lines utilized is twice a number of scanning electrodes utilized.

15. (previously presented) A display apparatus comprising:
a display device having a display surface including plural cell columns, each of which is a set of cells having a same light emission color, the display device having cells arranged in a structure in which the cells are arranged at a constant cell pitch in each cell column, and cell positions in a column direction are shifted from each other between neighboring cell columns by half of the constant cell pitch; and

a driving circuit for performing an interlaced display by changing a combination of cells of a display line having a display line pitch that is smaller than the cell pitch in a column, wherein

the display line is perpendicular to the column direction in every field between the neighboring cell columns of the same light emission color in every field, and wherein a number of display lines utilized is twice a number of scanning electrodes utilized.